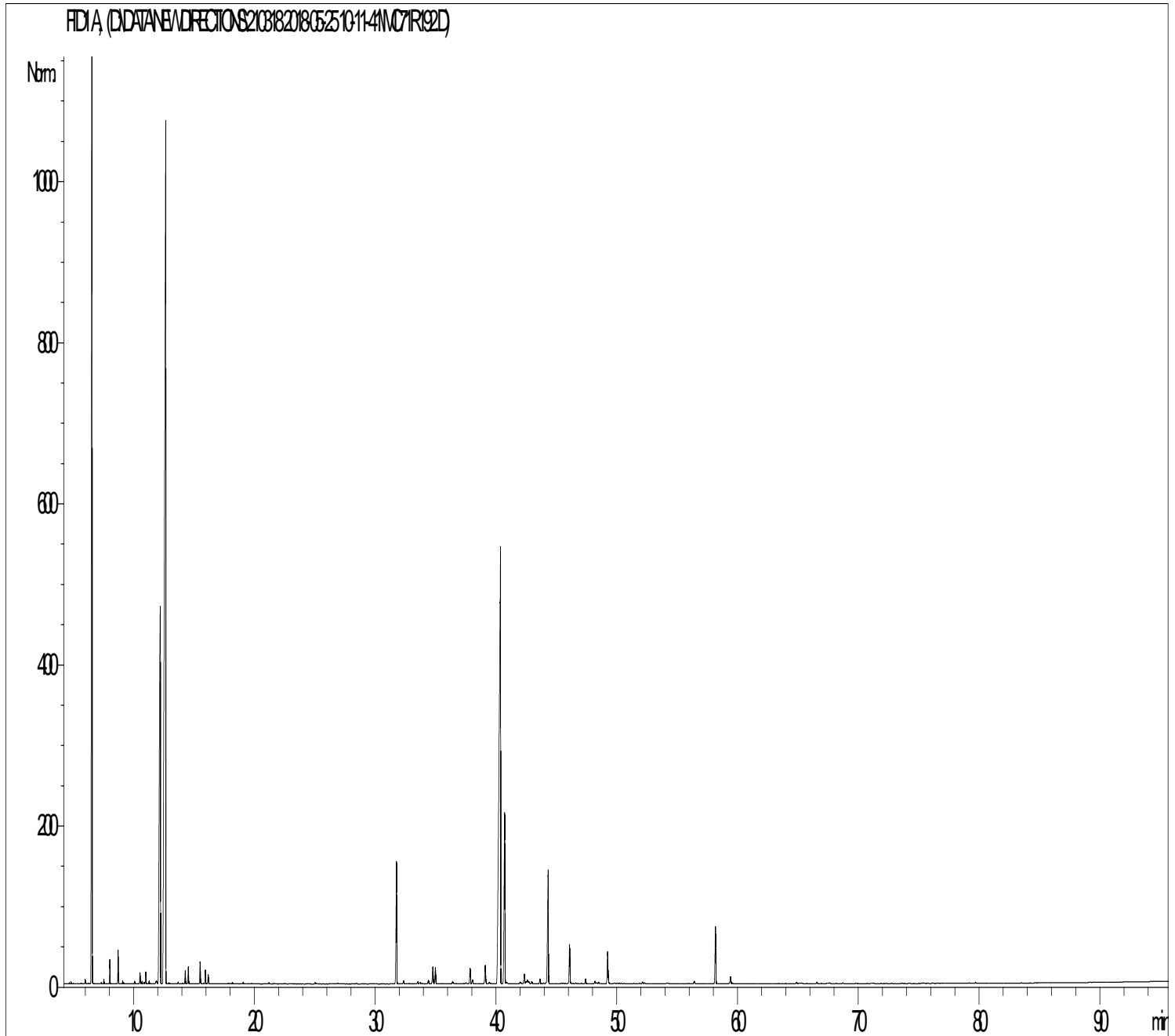




GCMS ANALYSIS

PRODUCT NAME: MYRTLE ESSENTIAL OIL - 11096

DATE: May 30, 2018



Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.



GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRTLE ESSENTIAL OIL - 11096

Peak	RT (min)	Compound	%
1	4,1	ACETONE	0,03
2	4,6	2-BUTANONE	0,01
3	4,8	BUTANAL 2-METHYL	0,02
4	6,0	3-PENTANONE, 2,4-DIMETHYL	0,04
5	6,5	alpha-PINENE	22,73
6	6,6	alpha-THUYENE	0,10
7	7,3	alpha-FENCHENE	0,01
8	7,5	CAMPHENE	0,04
9	8,0	ISOBUTYL ISOBUTYRATE	0,25
10	8,7	beta-PINENE	0,39
11	9,0	SABINENE	0,04
12	9,2	PINADIENE	0,01
13	10,1	delta3-CARENE	0,03
14	10,5	beta-MYRCENE	0,15
15	10,7	alpha-PHELLANDRENE	0,04
16	10,8	psi-LIMONENE	0,02
17	11,0	ISOBUTYL 2-METHYLBUTYRATE	0,18
18	11,3	alpha-TERPINENE	0,04
19	11,9	AMYL ISOBUTYRATE	0,09
20	12,2	LIMONENE	11,39
21	12,6	1,8-CINEOLE	29,90
22	12,9	2-HEXENAL	0,02
23	13,6	Cis-beta-OCIMENE	0,03
24	14,0	Trans-ARBUSCULON	0,01
25	14,3	gamma-TERPINENE	0,19
26	14,5	Trans-beta-OCIMENE	0,25
27	15,5	p-CYMENE	0,33
28	15,8	ALIPHATIC ESTER	0,01
29	15,9	2-METHYLBUTYL 2-METHYLBUTYRATE	0,21
30	16,2	TERPINOLENE	0,14

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRTLE ESSENTIAL OIL - 11096

Peak	RT (min)	Compound	%
31	18,2	PINOL	0,02
32	19,1	6-METHYL-5-HEPTEN-2-ONE	0,03
33	19,8	1-HEXANOL	0,01
34	21,2	PINENE OXIDE	0,02
35	21,6	3-HEXEN-1-OL	0,01
36	22,4	ALIPHATIC ESTER	0,02
37	25,0	alpha,p-DIMETHYLSTYRENE	0,03
38	25,1	LINALOOL Cis-OXIDE	0,02
39	25,4	LIMONENE EPOXYDE	0,01
40	26,2	ACETIC ACID	0,01
41	26,9	FENCHYL ACETATE	0,02
42	27,3	Cis-3-HEXENYL ISOVALERATE	0,02
43	28,4	alpha-COPAENE	0,02
44	29,5	CAMPHOR	0,01
45	31,8	LINALOOL	2,37
46	32,3	LINALYL ACETATE	0,06
47	32,8	ISOBUTYRIC ACID	0,02
48	33,5	ALIPHATIC ESTER	0,04
49	33,7	BORNYL ACETATE + AROMATIC COMPOUND	0,04
50	33,9	FENCHOL	0,02
51	34,4	beta-ELEMENE	0,07
52	34,7	beta-CARYOPHYLLENE	0,38
53	35,0	TERPINENE-4-OL	0,32
54	35,5	HOTRIENOL	0,01
55	36,4	MYRTENAL	0,05
56	36,5	Cis-p-2,8-MENTHADIEN-1-OL	0,02
57	36,7	Cis-beta-TERPINEOL	0,02
58	37,3	GERMACRENE A	0,02
59	37,5	PULEGONE	0,04
60	37,8	Trans-SABINYL ACETATE	0,32

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRTLE ESSENTIAL OIL - 11096

Peak	RT (min)	Compound	%
61	38,0	Trans-PINOCARVEOL	0,10
62	39,0	delta-TERPINEOL	0,10
63	39,1	ESTRAGOLE	0,34
64	39,4	Trans-VERBENOL	0,04
65	39,6	gamma-SELINENE	0,02
66	40,4	MYRTENYL ACETATE	17,86
67	40,7	alpha-TERPINEOL	3,90
68	40,8	BORNEOL	0,05
69	42,0	beta-SELINENE	0,05
70	42,3	exo-2-HYDROXYCINEOL ACETATE	0,23
71	42,5	alpha-SELINENE	0,04
72	42,6	NERYL ACETATE	0,08
73	42,7	beta-BISABOLENE	0,06
74	42,9	Trans-CARVYL ACETATE	0,05
75	43,6	MYRTANYL ACETATE ISOMER	0,10
76	43,9	MYRTANYL ACETATE ISOMER	0,02
77	44,3	GERANYL ACETATE	2,56
78	46,1	MYRTENOL	0,82
79	46,6	Trans-p-MENTHA-1,8-DIEN-2-OL	0,02
80	47,1	NEROL	0,02
81	47,4	NERYL BUTYRATE	0,10
82	48,1	GERMACRENE B	0,06
83	48,3	COMPOUND Mw=152	0,03
84	48,5	Trans-CARVEOL	0,03
85	49,2	GERANIOL	0,72
86	49,8	MYRTENYL ESTER	0,02
87	50,2	Cis-CARVEOL	0,02
88	50,4	PHENYLETHYLIC ESTER	0,02
89	50,6	TERPENIC ESTER	0,02
90	51,4	MYRTENYL ESTER	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRTLE ESSENTIAL OIL - 11096

Peak	RT (min)	Compound	%
91	51,9	GERANYL BUTYRATE	0,02
92	52,1	NERYL METHYLBUTYRATE	0,04
93	52,3	TERPENIC ESTER	0,02
94	55,9	2-PHENYLETHYL VALERATE	0,02
95	56,4	CARYOPHYLLENE EPOXIDE	0,05
96	58,2	METHYLEUGENOL	1,17
97	59,3	EPOXY-6,7-HUMULENE	0,02
98	59,4	MYRTO-LACTONE A Mw=236	0,15
99	59,6	NEROLIDOL	0,01
100	64,8	MYRTO-LACTONE B Mw=250	0,04
101	65,1	FLAVESONE	0,06
102	66,6	Trans-METHYLISOEUGENOL	0,03
103	67,6	ISO-LEPTOSPERMONE	0,04
104	68,7	ELEMICINE	0,02
105	69,8	EUDESMA-7-EN-4-OL	0,01
106	76,0	AROMATIC COMPOUND	0,02
107	79,7	AROMATIC COMPOUND	0,02
		TOTAL	99,99

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